

# **Global and China Multi-layer Ceramic Capacitor (MLCC) Industry Report, 2015-2018**

<https://marketpublishers.com/r/GB8FC448753EN.html>

Date: November 2015

Pages: 101

Price: US\$ 2,200.00 (Single User License)

ID: GB8FC448753EN

## **Abstracts**

As the world's leading consumer electronics production base, China has seen a surge in output of various products, which has in turn driven a huge influx of MLCC capacity into the country. At present, China has been the big producer and consumer of MLCC in the world, topping the global rankings in terms of output and sales volume. In 2014, China's MLCC output reached 1.637 trillion pieces, up 19.0% from a year earlier, and the demand totaled 1.8164 trillion pieces, up 20.1% from the previous year. It is expected that in 2015 China's MLCC output and demand will come to 1.902 trillion pieces and 2.087 trillion pieces, respectively.

Being constantly updated, consumer electronics have become more and more powerful, which poses increasingly stringent requirement on passive components and other electronic components. In terms of the current development trends in MLCC, the capacity of unit components grows larger and larger while their volume gets smaller and smaller. The world's renowned manufacturers were competing fiercely in this respect. In 2015, Murata Manufacturing Co., Ltd. was the first to develop and mass produce the world's smallest MLCC (008004). Other key players will also shift their focus to smaller products with larger capacity. For example, Eyang Holdings' shares of 0201 MLCC will exceed that of 0402 MLCC in 2015.

As far as competition is concerned, major global MLCC manufacturers are mainly from Japan, South Korea, and Taiwan, including Japan's Murata, TDK, Taiyo Yuden, and KYOCERA, South Korea's Samsung Electro-Mechanics and SAMWHA, and Taiwan's Yageo and Walsin.

At present, Murata, the world's largest MLCC manufacturer, has a 22.8% market share in 2014. In 2015, the company invested JPY18 billion in a new MLCC factory building.

Samsung Electro-Mechanics overtook TDK in 2009 as the world's second largest company, with its market share in 2014 totaling 18.0%. In 2015, the company poured KRW288 billion into construction of an MLCC factory in the Philippines. Eyang Holdings, albeit with lower market share, devoted great efforts to working on product miniaturization. In 2015, the company's 01005/0201/0402 series miniature products accounted for over 95% of total output, and its newly launched 0201 with 1?F and 2.2?F in capacitance has reached a high level in the industry.

Global and China Multi-layer Ceramic Capacitor (MLCC) Industry Report, 2015-2018 highlights the followings:

Overview of China's MLCC industry, including development course, policies and regulations, market size, production and sales, competition pattern, exports, and future development trends, etc.;

Demand from major Chinese MLCC market segments, including market size and development prospects of consumer electronics market, industrial product market, and military fields;

MLCC upstream electronic ceramics market, including production, demand and competition pattern in the industry;

Six foreign companies - Murata Electronics, Samsung Electro-Mechanics, Kyocera, Taiyo Yuden, TDK, and Sanwa Electric Instrument as well as six major Chinese manufacturers - Fenghua Advanced Technology, Eyang Holdings, Walsin, Yageo, Chaozhou Three-Circle and Torch Electron, involving profile, financial condition, output and sales volume, major customers, key products, R&D, production base distribution, and technical traits, etc.

## Contents

### **1. OVERVIEW OF MLCC INDUSTRY**

- 1.1 Product Definition
- 1.2 Classification of Ceramic Capacitors
- 1.3 Development Trends of MLCC Products
- 1.4 Laws and Regulations
- 1.5 Industry Policies

### **2 MLCC MARKET SIZE**

- 2.1 Overall Market Size
- 2.2 Output and Sales Volume
- 2.3 Capacity Analysis
- 2.4 Competitive Landscape

### **3 MARKET SEGMENTS**

- 3.1 Military Market
- 3.2 Industrial Goods Market
- 3.3 Consumer Goods Market
  - 3.3.1 Mobile Phone Market
  - 3.3.2 Computer Market
  - 3.3.3 TV Market

### **4 UPSTREAM MATERIALS MARKET**

- 4.1 Introduction to MLCC Ceramic Materials
- 4.2 Supply
- 4.3 Demand
- 4.4 Market Competition

### **5 MAJOR FOREIGN MLCC MANUFACTURERS**

- 5.1 Murata Electronics
  - 5.1.1 Profile
  - 5.1.2 Operation
  - 5.1.3 Main Business

- 5.1.4 Orders and Inventories
- 5.1.5 Main Products
- 5.1.6 Wuxi Murata Electronics Co., Ltd
- 5.1.7 Beijing Murata Electronics Co., Ltd.
- 5.1.8 Capacity Expansion Program
- 5.2 Samsung Electro-Mechanics
  - 5.2.1 Profile
  - 5.2.2 Operation
  - 5.2.3 Product Mix
  - 5.2.4 Regional Structure
  - 5.2.5 Main Products
  - 5.2.6 Dongguan Samsung Electro-Mechanics Co., Ltd. (DSEM)
  - 5.2.7 Tianjin Samsung Electro-Mechanics Co., Ltd. (TSEM)
  - 5.2.8 Samsung Electro-Mechanics Co., Binhai Branch Factory
  - 5.2.9 Samsung Electro-Mechanics Co., Suzhou Branch Factory
- 5.3 TDK
  - 5.3.1 Profile
  - 5.3.2 Operation
  - 5.3.3 Main Business
  - 5.3.4 Production
  - 5.3.5 Orders
  - 5.3.6 Production Bases in China
  - 5.3.7 TDK Xiamen Co., Ltd.
- 5.4 KYOCERA
  - 5.4.1 Profile
  - 5.4.2 Operation
  - 5.4.3 Main Business
  - 5.4.4 Main Products
  - 5.4.5 R&D
  - 5.4.6 Shanghai KYOCERA Electronics Co., Ltd.
- 5.5 Taiyo Yuden
  - 5.5.1 Profile
  - 5.5.2 Operation
  - 5.5.3 Main Business
  - 5.5.4 Main Products
  - 5.5.5 MLCC Development Strategy
  - 5.5.6 Dongguan Taiyo Yuden Co., Ltd.
- 5.6 Sanwa Electric Instrument
  - 5.6.1 Profile

5.6.2 Main Products

5.6.3 Tianjin Samwha Electric Co., Ltd

## **6 MAJOR CHINESE MLCC MANUFACTURERS**

### **6.1 Fenghua Advanced Technology**

6.1.1 Profile

6.1.2 Operation

6.1.3 Main Business

6.1.4 Gross Margin

6.1.5 Output, Sales, and Capacity of Main Products

6.1.6 Main Customers and Suppliers

6.1.7 R&D

6.1.8 Guanhua Sheet Type Ceramic Capacitor Branch

6.1.9 Development Strategy

### **6.2 Eyang Holdings**

6.2.1 Profile

6.2.2 Operation

6.2.3 Main Business

6.2.4 Gross Margin

6.2.5 Main Products

6.2.6 R&D

6.2.7 Production Layout

### **6.3 Chaozhou Three-Circle**

6.3.1 Profile

6.3.2 Operation

6.3.3 Main Business

6.3.4 Output and Sales

6.3.5 Main Products

6.3.6 R&D

### **6.4 Torch Electron**

6.4.1 Profile

6.4.2 Operation

6.4.3 Main Business

6.4.4 Gross Margin

6.4.5 R&D

6.4.6 Main Products

6.4.7 Production Line and Capacity

### **6.5 Walsin**

6.5.1 Profile

6.5.2 Operation

6.5.3 Main Business

6.5.4 Main Products

6.5.5 Output and Sales Volume

6.5.6 Main Customers

6.5.7 Development Strategy

6.5.8 Dongguan Walsin Technology Electronics Co., Ltd.

6.6 Yageo

6.6.1 Profile

6.6.2 Operation

6.6.3 Main Business

6.6.4 Main Products

6.6.5 Output and Sales Volume

6.6.6 Development Strategy

6.6.7 Yageo Components (Suzhou) Co., Ltd.

## Selected Charts

### SELECTED CHARTS

Advantages and Applications of Major Capacitor Products  
Main MLCC Production Processes and Technologies  
MLCC Industry Chain  
Classification of Capacitors  
Size of Mainstream MLCC, 1980-2015  
China's Policies on MLCC and Its Material Industry in Recent Years  
Global MLCC Market Size, 2008-2015  
China MLCC Market Size, 2008-2015  
MLCC Market Size by Segment, 2014  
China's MLCC Output, 2008-2015  
China's MLCC Demand, 2008-2015  
Capacity of Global Top 5 MLCC Manufacturers, FY2006-FY2016  
Capacity Utilization of Global Top 5 MLCC Manufacturers, 2005-2014  
Market Share of World's Major MLCC Manufacturers, 2014  
Production Layout of Foreign MLCC Manufacturers  
MLCC Capacity and Hit Products of Some Key Companies, 2015  
China Military MLCC Market Size, 2008-2015  
China Industrial MLCC Market Size, 2008-2015  
Market Size of Consumer Electronics-used MLCC, 2008-2015  
MLCC Usage by Phone Type, 2013-2015  
Output of Mobile Phones in China by Type, 2009-2018E  
MLCC Demand from Mobile Phones in China by Product, 2009-2018E  
Output of Computers in China by Type, 2009-2018E  
MLCC Demand from Computers in China, 2009-2018E  
Output of TV Sets in China by Type, 2009-2018E  
MLCC Demand from TV in China, 2009-2018E  
Classification and Application of MLCC Electronic Ceramics Materials  
Output of Global MLCC Electronic Ceramics, 2009-2015  
Output Structure of Global MLCC Electronic Ceramics by Source, 2009-2015  
Global Demand for MLCC Electronic Ceramics, 2007-2015  
Capacity of Global MLCC Electronic Ceramics Manufacturers, 2015  
Revenue and Net Income of Murata Electronics, FY2010-FY2016  
Main Product Revenue of Murata Electronics, 2010-2015  
Murata Electronics' Revenue from Major Regions, 2010-2015  
Main Product Orders of Murata Electronics, FY2014-FY2015

Main Product Inventories of Murata Electronics, FY2014-FY2015  
Main MLCC Product Series of Murata Electronics  
Main Product Revenue of Samsung Electro-Mechanics, 2009-2015  
Main Product Revenue and Profit Structure of Samsung Electro-Mechanics, 2014  
Main Products and Customers of Samsung Electro-Mechanics by Region  
Revenue and Profit Structure of Samsung Electro-Mechanics by Main Region, 2014  
MLCC Product Series of Samsung Electro-Mechanics  
TDK's 5 Major Core Technologies and 15 Key Businesses  
Revenue and Net Income of TDK, FY2009-FY2016  
Main Product Revenue of TDK, FY2013-FY2015  
Revenue of TDK by Main Region, FY2010-FY2015  
Main Product Production Value of TDK, FY2015  
TDK's Main Product Orders, FY 2015  
TDK's Major Passive Device Production Bases in China  
Main MLCC Products of TDK Xiamen  
Main Market Segments and Products of Kyocera  
Revenue and Net Income of Kyocera, FY2010-FY2016  
Main Product Revenue of Kyocera, FY 2010-FY 2016  
Revenue of Kyocera by Main Region, FY2013-FY2016  
MLCC Product Series of Kyocera  
Performance Indices of Latest MLCC Products of Kyocera  
R&D Costs of Kyocera, FY2009-FY2015  
Revenue and Net Income of Taiyo Yuden, FY2009-FY2016  
Main Product Revenue of Taiyo Yuden, FY2013-FY2015  
Revenue of Taiyo Yuden by Main Region, FY2011-FY2015  
Main MLCC Products of Taiyo Yuden  
MLCC Development Strategy of Taiyo Yuden  
MLCC Production Bases of Taiyo Yuden  
Main MLCC Products of Sanwa Electric Instrument  
Revenue and Net Income of Fenghua Advanced Technology, 2010-2015  
Main Product Revenue of Fenghua Advanced Technology, 2009-2015  
Revenue of Fenghua Advanced Technology by Main Region, 2009-2015  
Main Product Gross Margin of Fenghua Advanced Technology, 2009-2015  
Main Product Output, Sales, and Inventories of Fenghua Advanced Technology, 2012-2014  
Fenghua Advanced Technology's Revenue from Top 5 Customers and % of Total Revenue, 2014  
Fenghua Advanced Technology's Procurement from Top 5 Suppliers and % of Total Procurement, 2014



R&D Costs and % of Total Revenue of Fenghua Advanced Technology, 2012-2015  
Revenue and Net Income of Eyang Holdings, 2009-2015  
Main Product Revenue of Eyang Holdings, 2011-2015  
Revenue of Eyang Holdings by Main Region, 2011-2015  
MLCC Gross Margin of Eyang Holdings, 2008-2015  
Main MLCC Products of Eyang Holdings  
R&D Costs and % of Total Revenue of Eyang Holdings, 2012-2015  
Revenue and Net Income of Chaozhou Three-Circle, 2011-2015  
Main Product Revenue and % of Total Revenue of Chaozhou Three-Circle, 2011-2015  
Revenue from Main Regions and % of Total Revenue of Chaozhou Three-Circle, 2011-2015  
MLCC Capacity, Output, and Sales Volume of Chaozhou Three-Circle, 2011-2014  
Main MLCC Products of Chaozhou Three-Circle  
MLCC Gross Margin of Chaozhou Three-Circle, 2011-2015  
R&D Costs and % of Total Revenue of Chaozhou Three-Circle, 2011-2015  
Revenue and Net Income of Torch Electron, 2011-2015  
Main Product Revenue of Torch Electron, 2011-2015  
Torch Electron's Revenue from Main Regions, 2011-2015  
Main Products and Consolidated Gross Margin of Torch Electron, 2011-2015  
R&D Costs and % of Total Revenue of Torch Electron, 2011-2015  
Main Products of Torch Electron  
Torch Electron's Main Capacitor Production Lines  
Revenue and Net Income of Walsin, 2009-2015  
Walsin's Main Product Revenue Structure, 2013-2014  
Main Product Revenue of Walsin by Region, 2013-2014  
Walsin's Main MLCC Series  
Main Product Capacity and Output of Walsin, 2012-2014  
Main Product Sales Volume and Value of Walsin, 2013-2014  
Main Customer Category and Revenue Proportion of Walsin, 2014  
Revenue and Net Income of Yageo, 2008-2015  
Yageo's Main Product Revenue Structure, 2013-2015  
Revenue Structure of Yageo by Main Region, 2009-2015  
Yageo's MLCC Product Series  
Main Product Capacity and Output of Yageo, 2012-2014  
Main Product Sales Volume and Value of Yageo, 2013-2014

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